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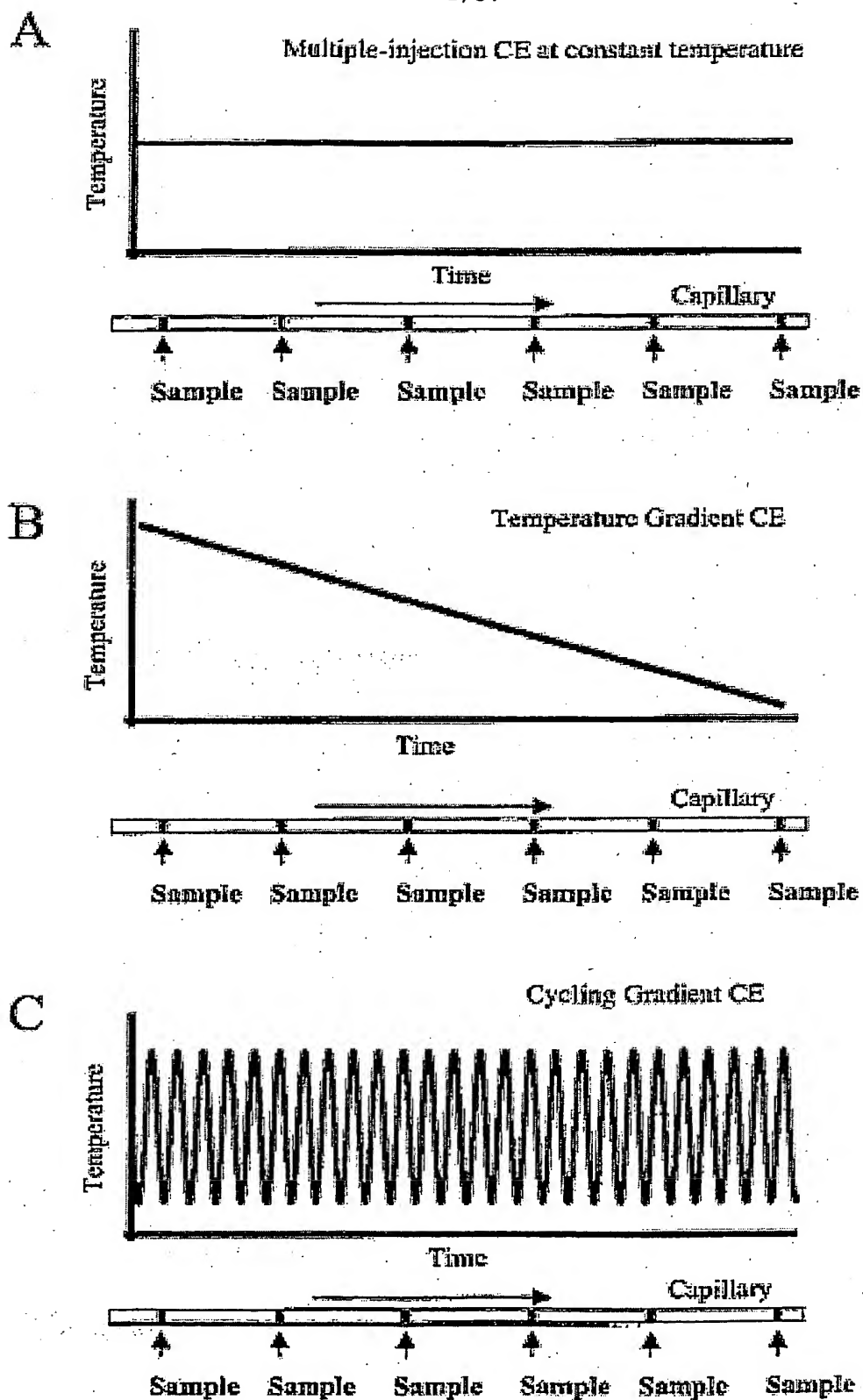
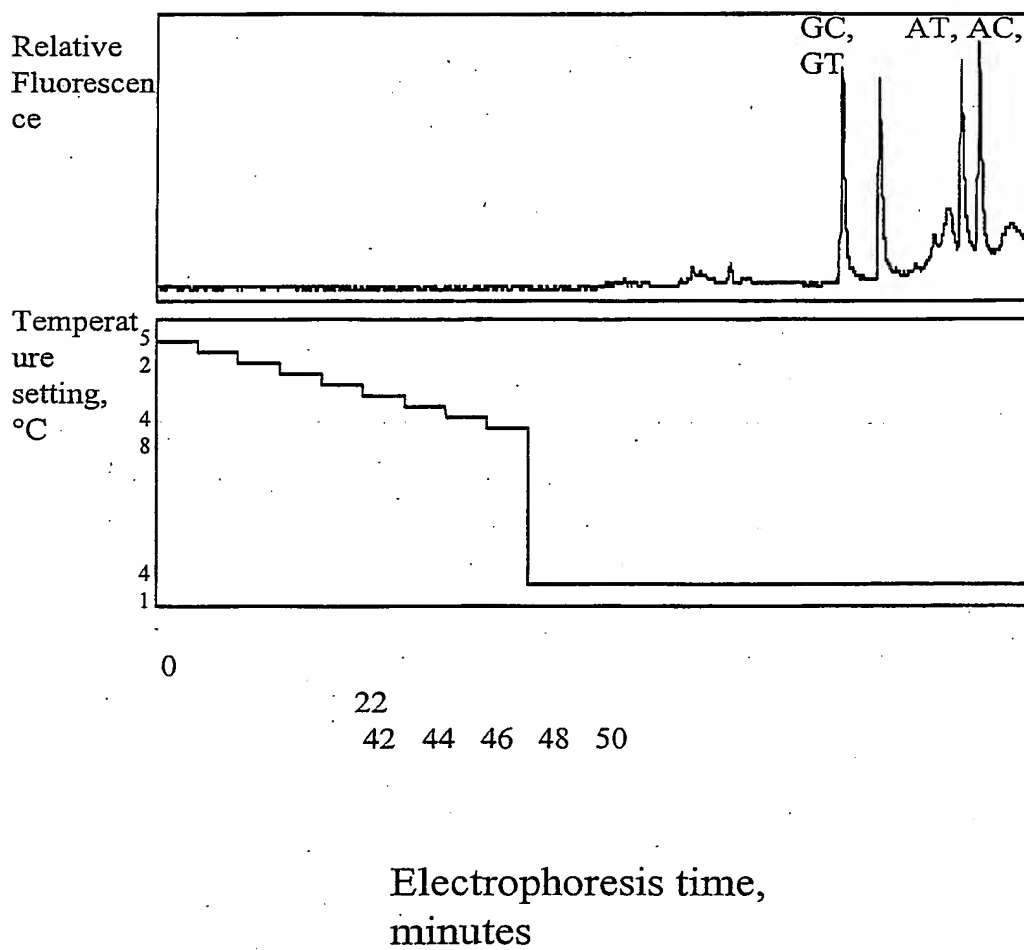


FIG. 1

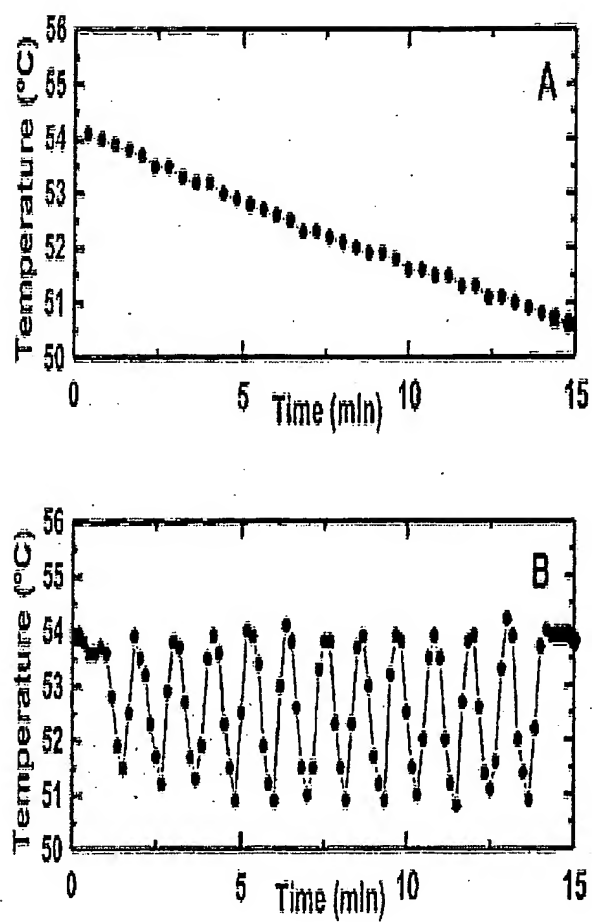
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FIG. 2



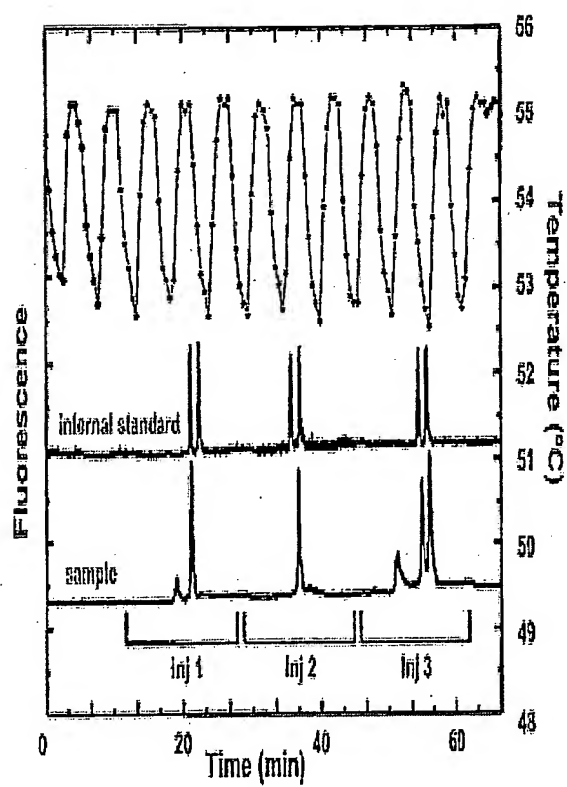
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FIG. 3



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FIG. 4



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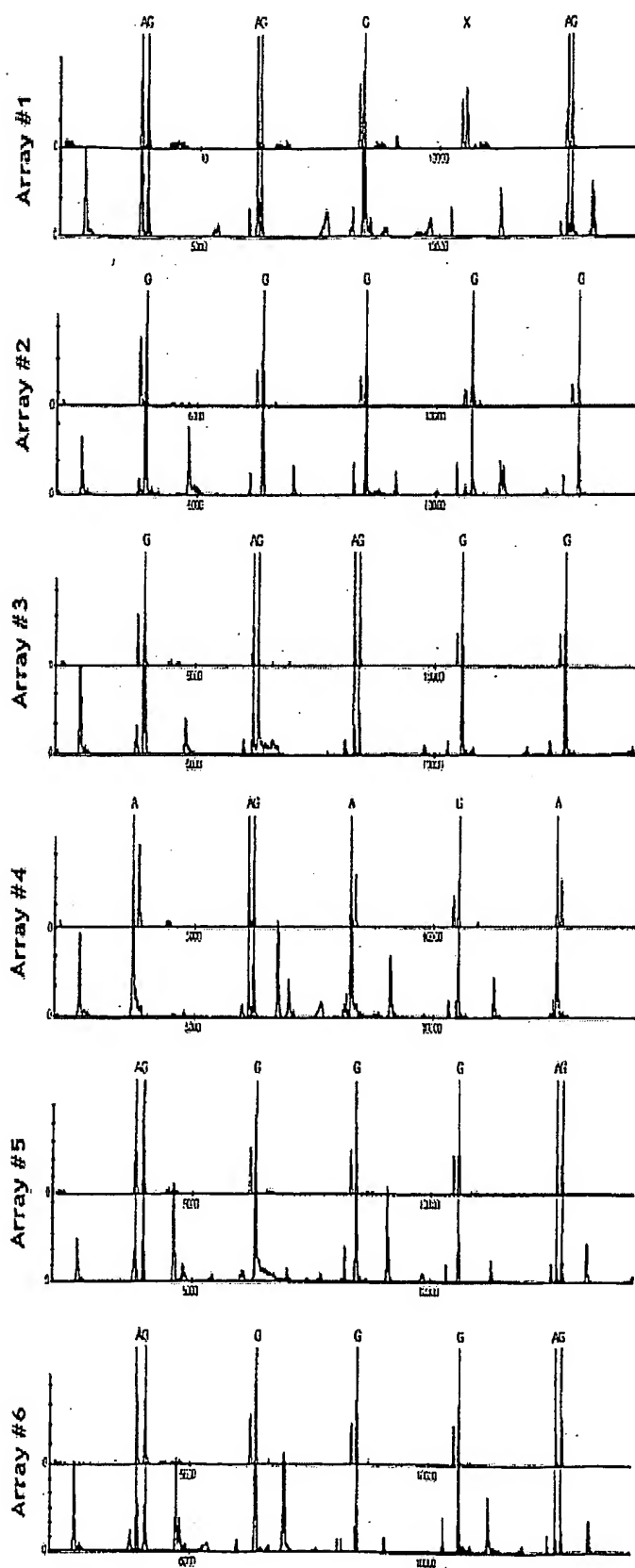
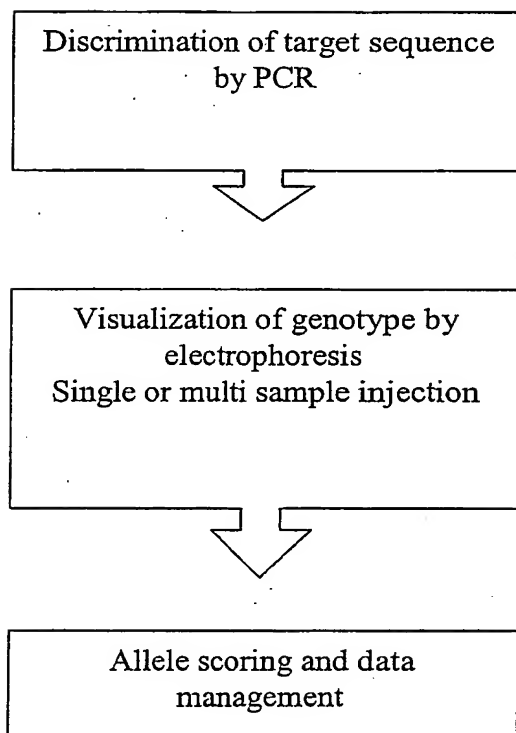


FIG. 5

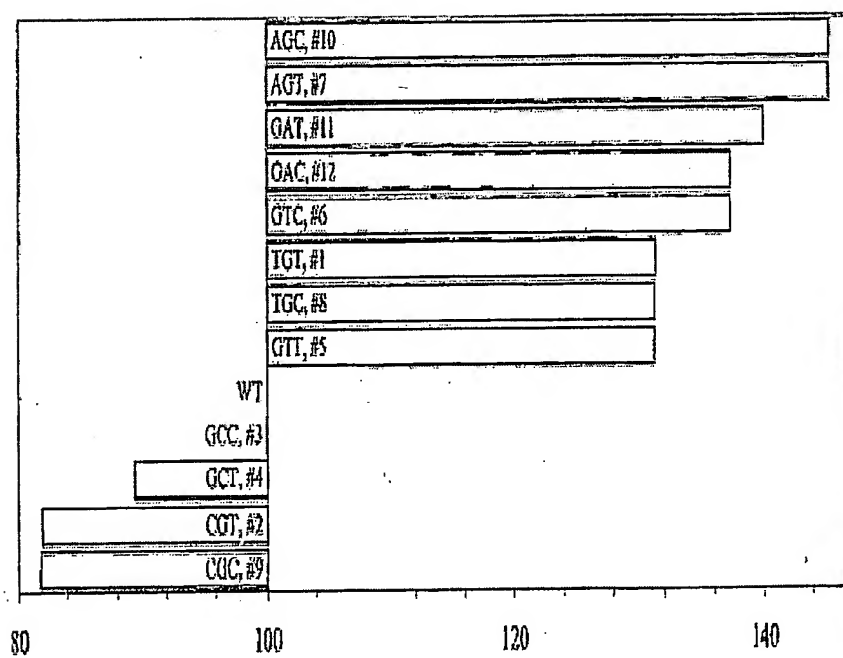
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FIG. 6



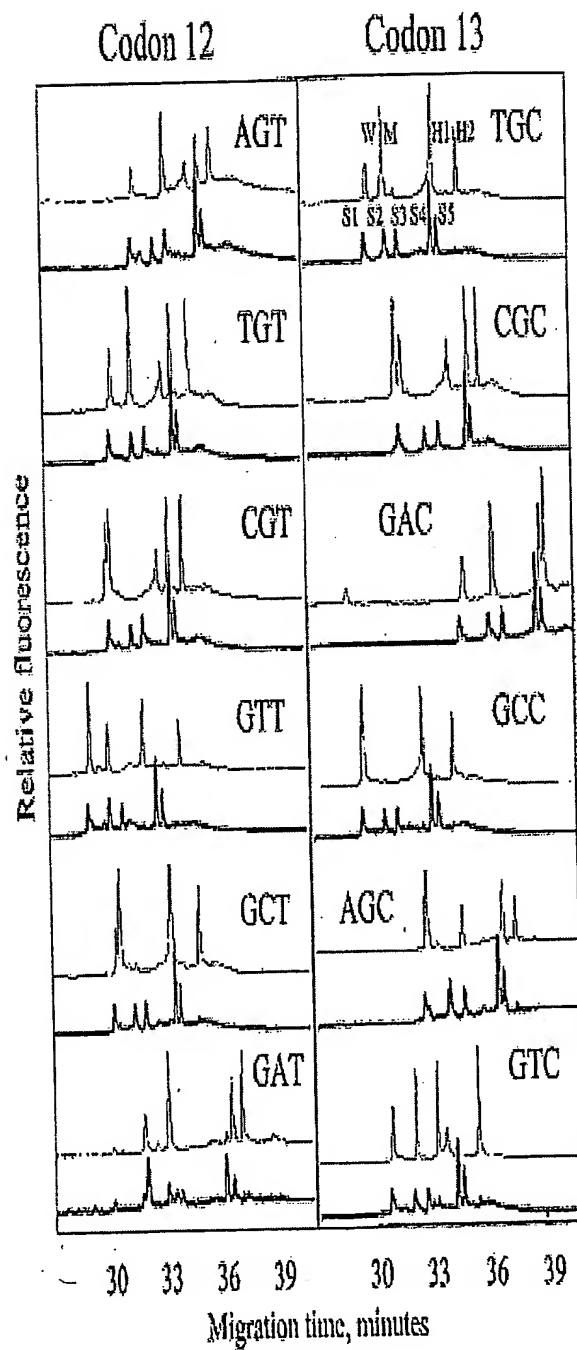
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FIG. 7



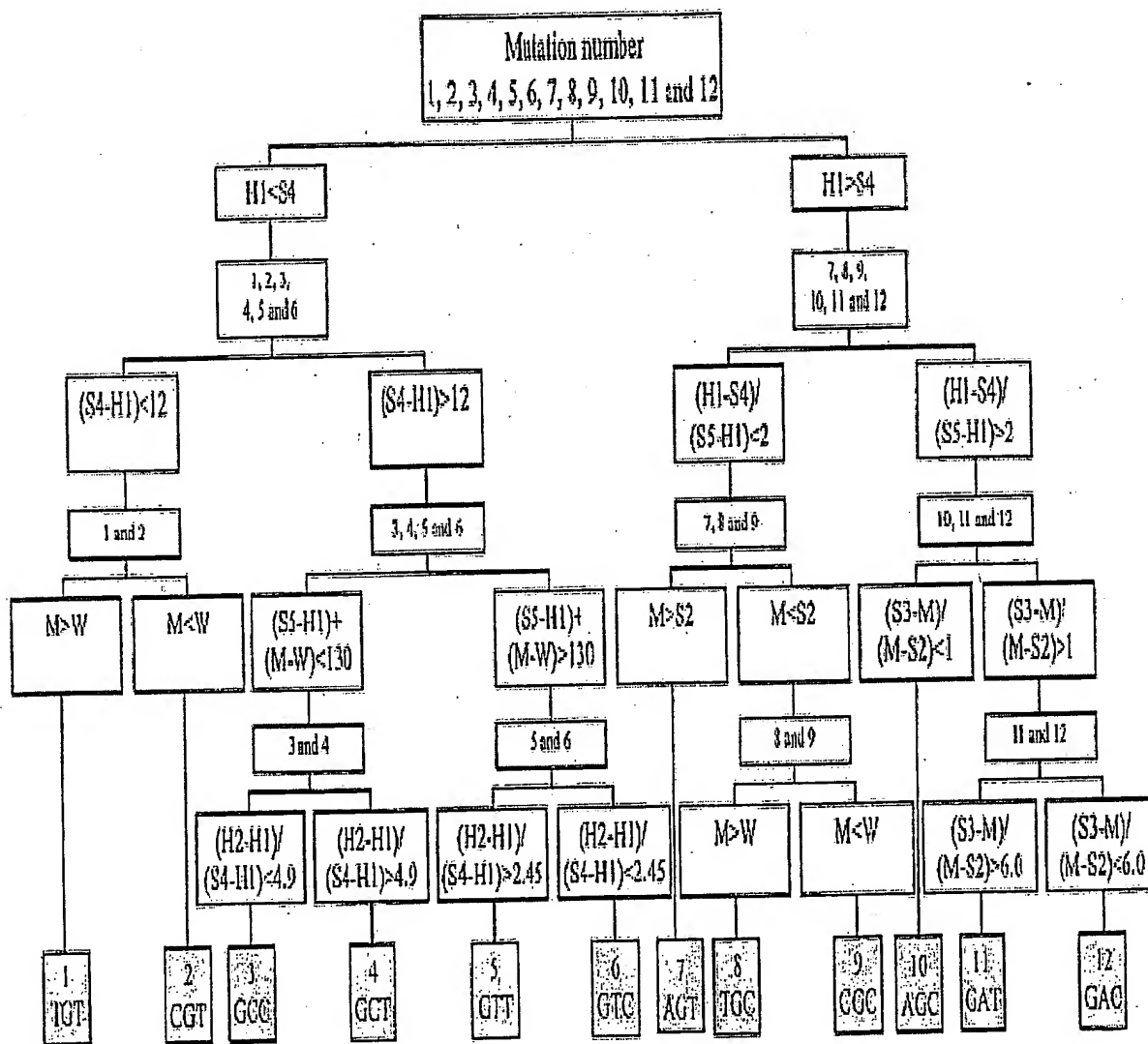
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FIG. 8



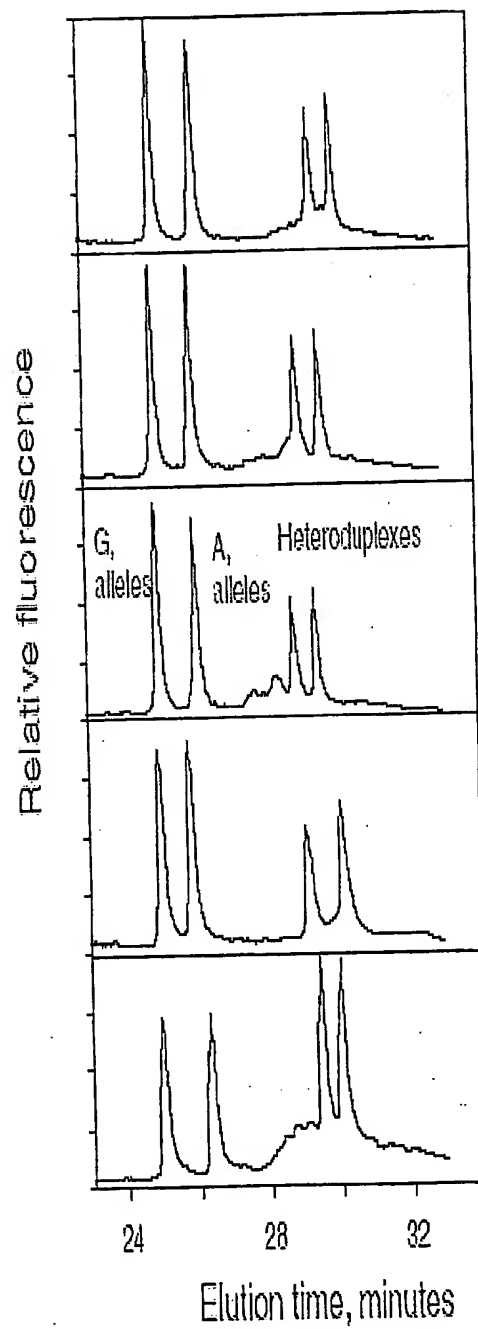
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FIG. 9



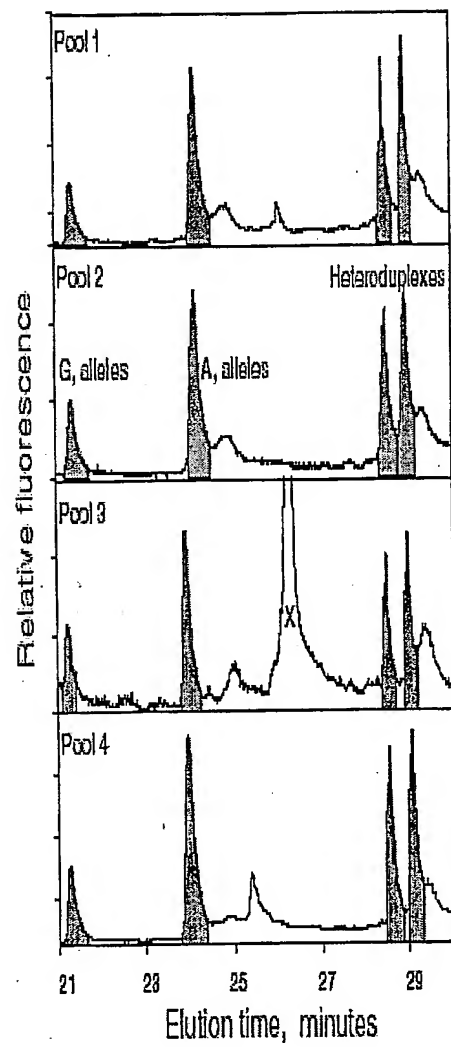
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FIG. 10



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FIG. 11



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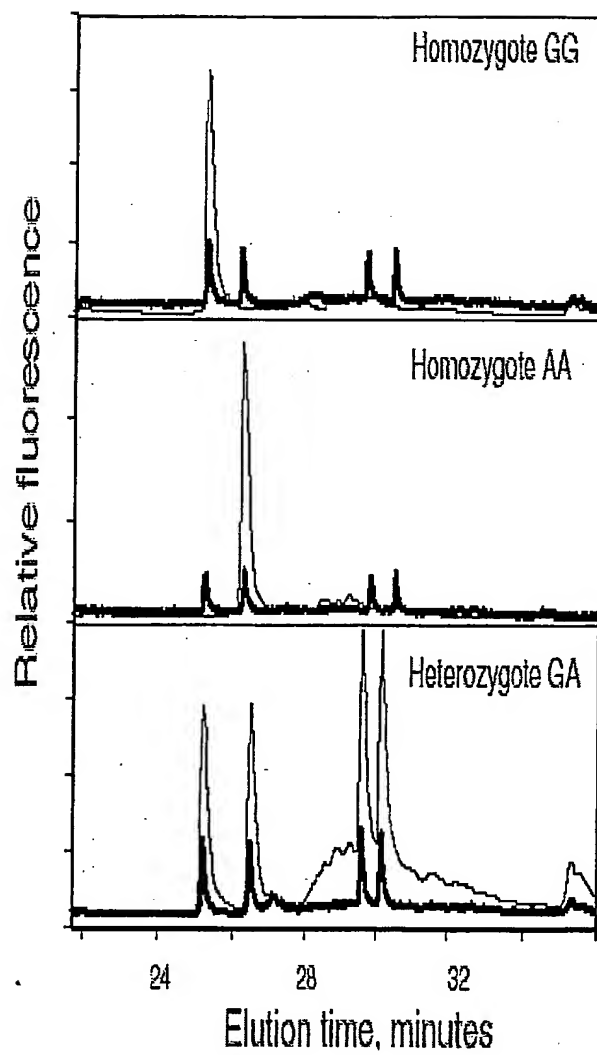
FIG. 12

Gene	Alleles		Genotypes		
	Major	Minor	Homozygote	Heterozygote	Homozygote
<i>TNFR</i> (A _{major} G _{minor})					
Pooled	83.1	30.9	39.8	46.6	13.6
	(0.6)	(0.6)	(1.3)	(0.5)	(0.8)
Single samples	83.7	30.3	41.6	44.2	14.2
<i>IL-4</i> (C _{major} T _{minor})					
Pooled	84.0	15.4	71.7	26.0	2.4
	(0.4)	(0.4)	(1.5)	(1.2)	(0.3)
Single samples	84.8	15.2	72.1	25.3	2.5
<i>CTLA-4</i> (A _{major} G _{minor})					
Pooled	55.1	44.9	30.2	49.5	20.3
	(1.8)	(1.2)	(1.2)	(1.0)	
Single samples	55.7	44.3	29.5	52.3	18.1

All values are given as a percentage. The variation in allele frequencies between the pools is given with 1 standard deviation. Genotypes for the pooled and single samples are estimated and observed, respectively.

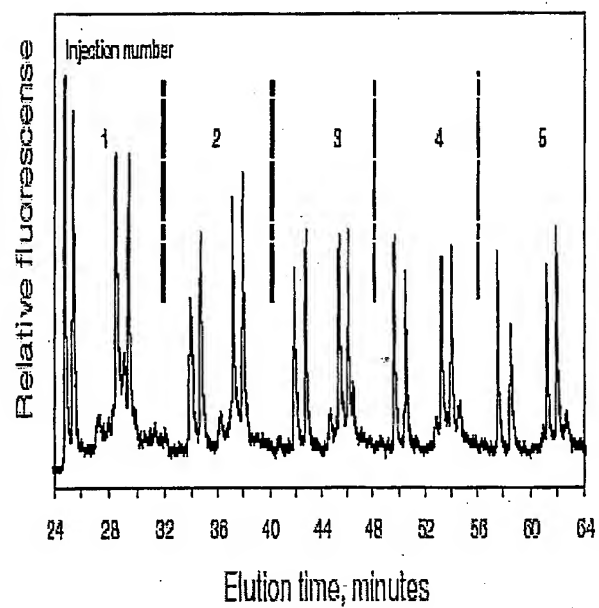
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FIG. 13



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FIG. 14



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FIG. 15

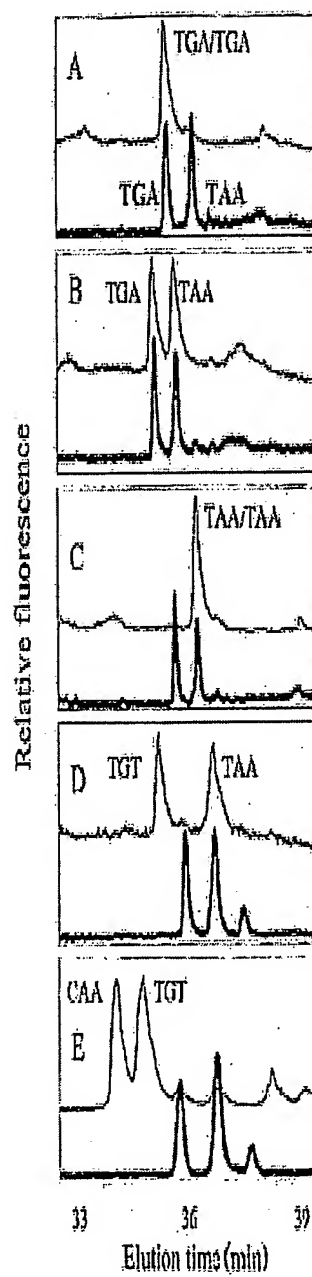


FIG. 17

IVS5-8 (kb)	Genotype		Allele frequencies (%)		P-value
	TC	CC	F	C	
Normal	551	1	97.9	2.1	
Rectal cancer	142	3	97.9	2.1	
551 (Q/A)	0/0	0/0	0	0	
Normal	243	105	32.7	67.3	
Rectal cancer	22	3	52.1	47.9	
555 (A/T)	0/0	0/0	0	0	
Normal	551	3	99.9	0.1	
Rectal cancer	151	3	100.0	0.0	

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FIG. 18

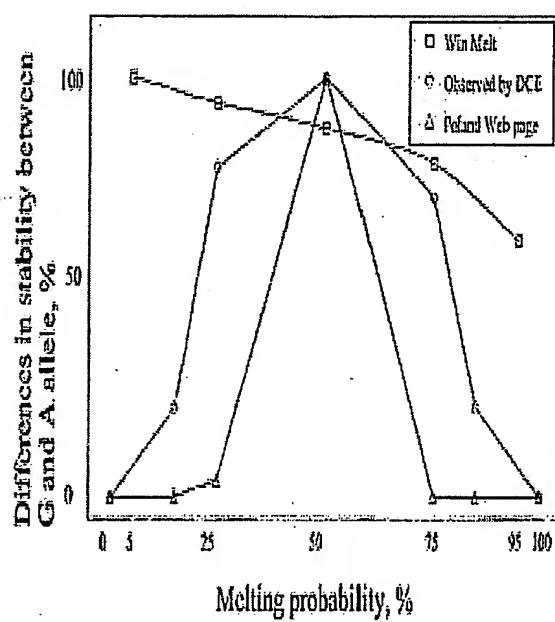
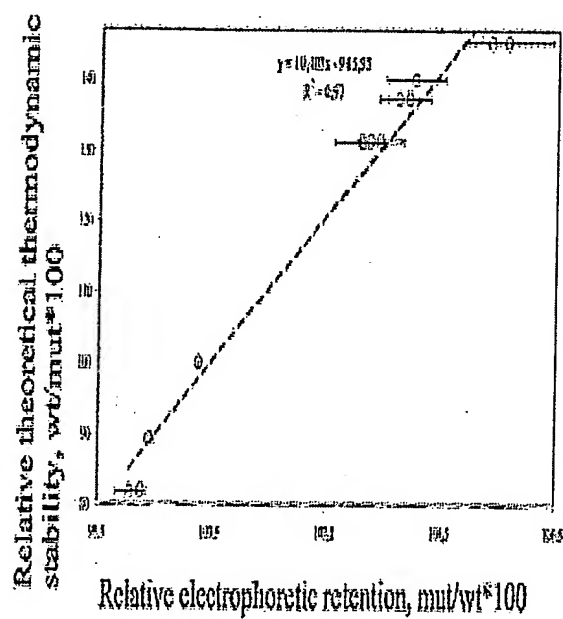
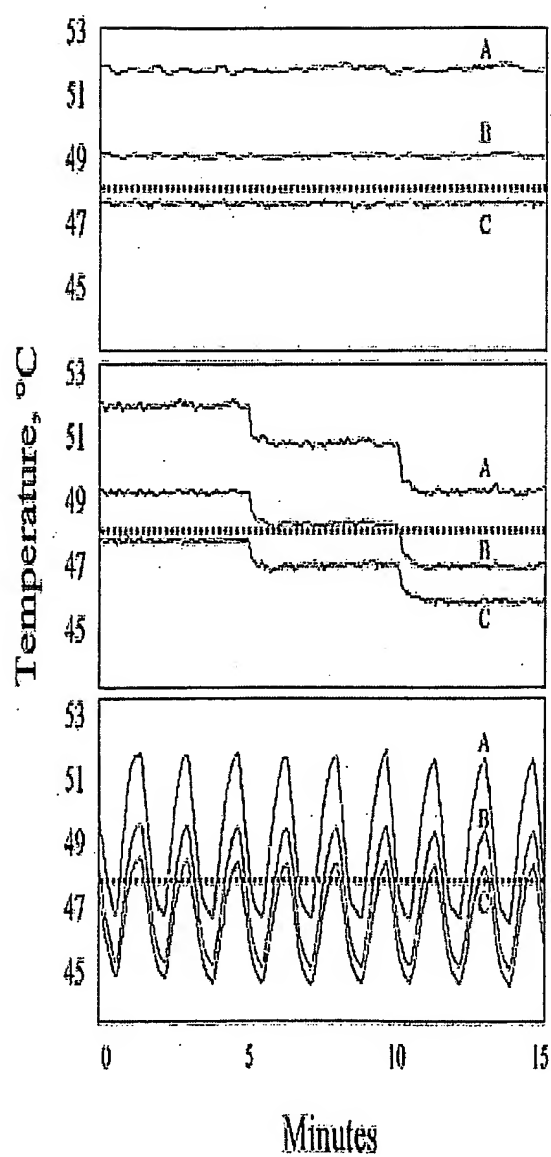


FIG. 19



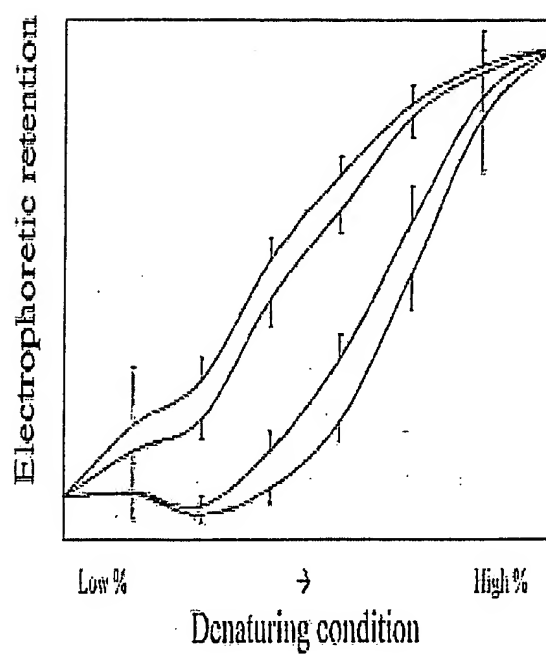
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FIG. 20



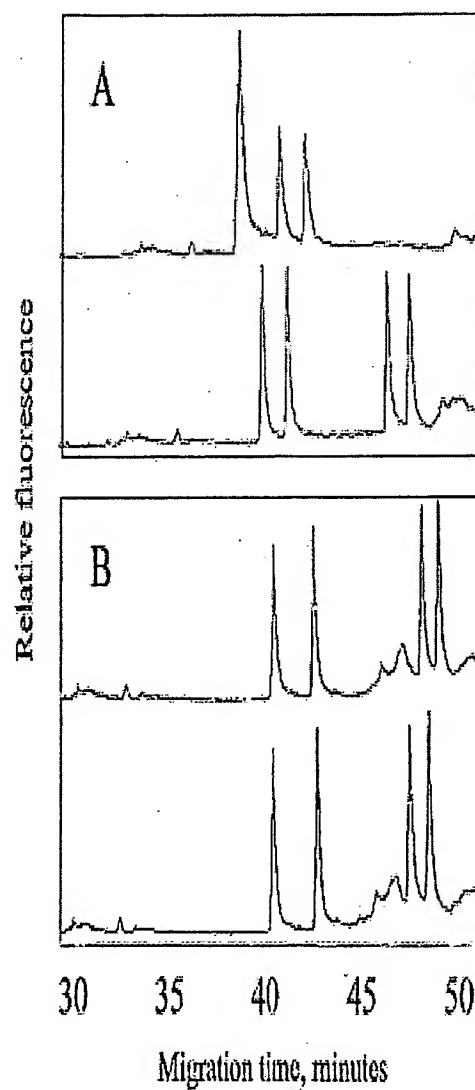
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FIG. 21



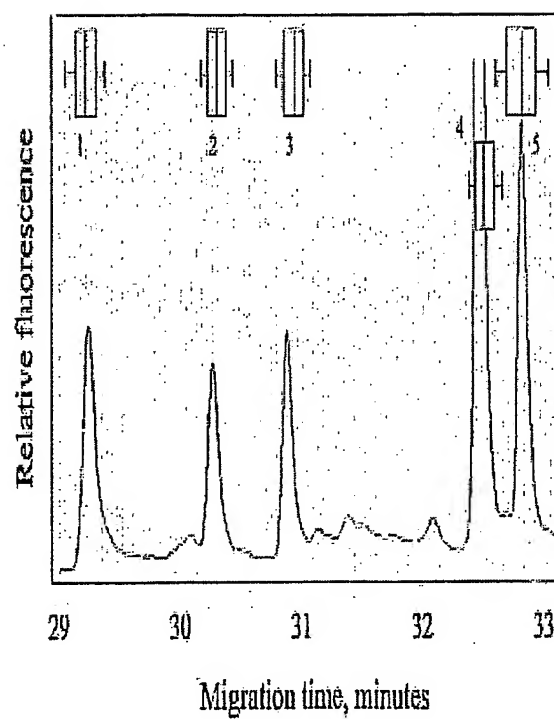
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FIG. 22



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FIG. 23



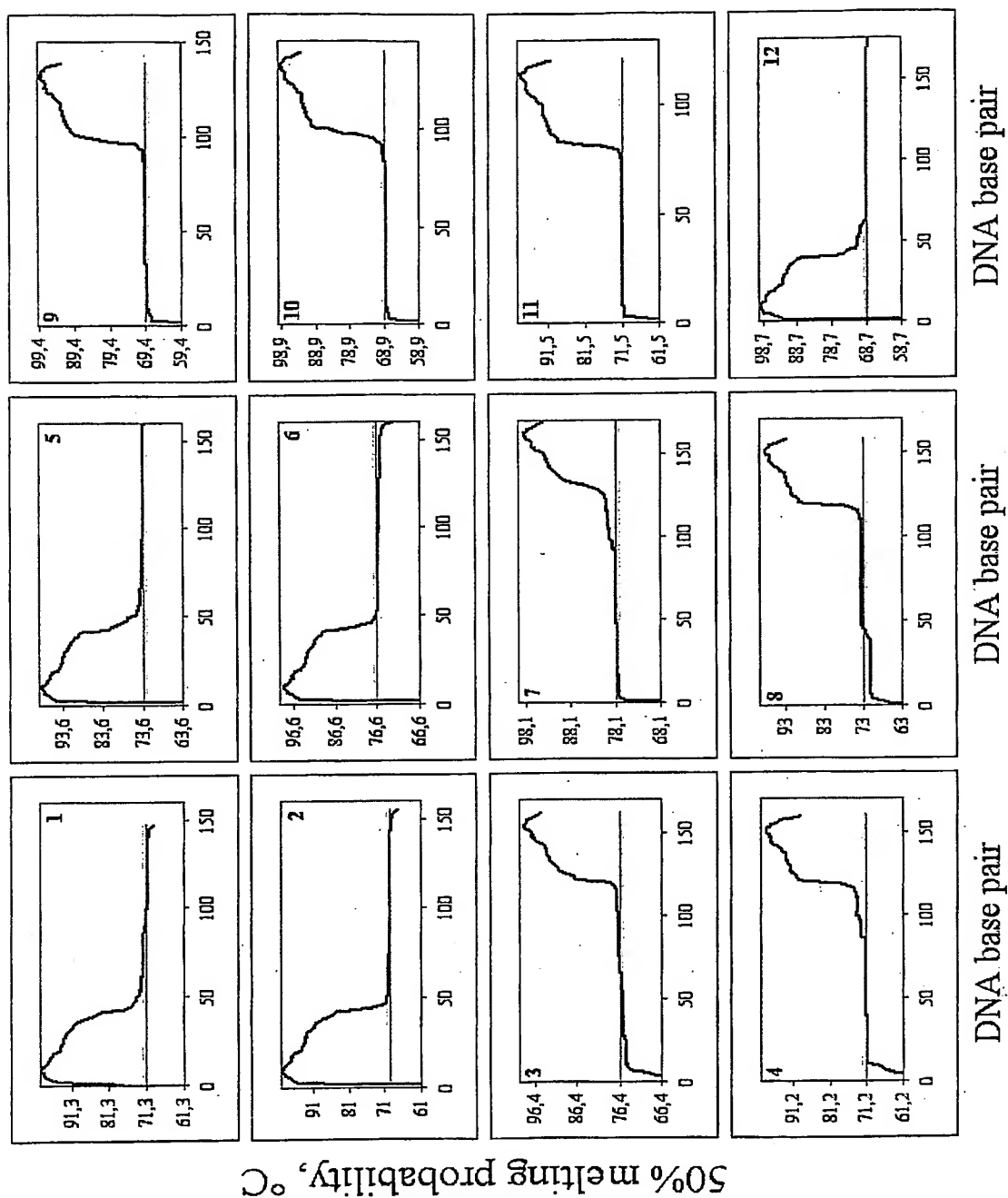
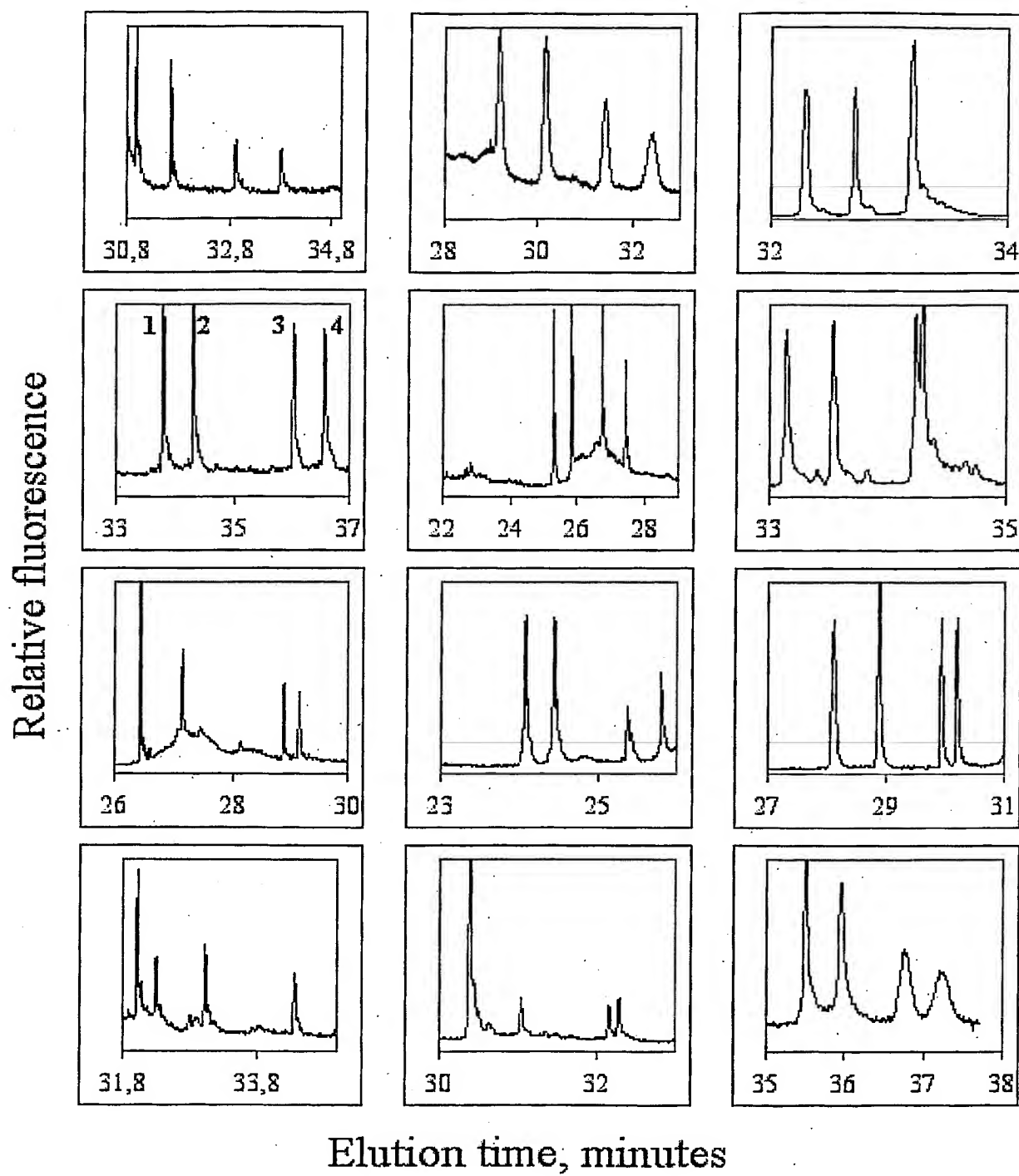


FIG. 24

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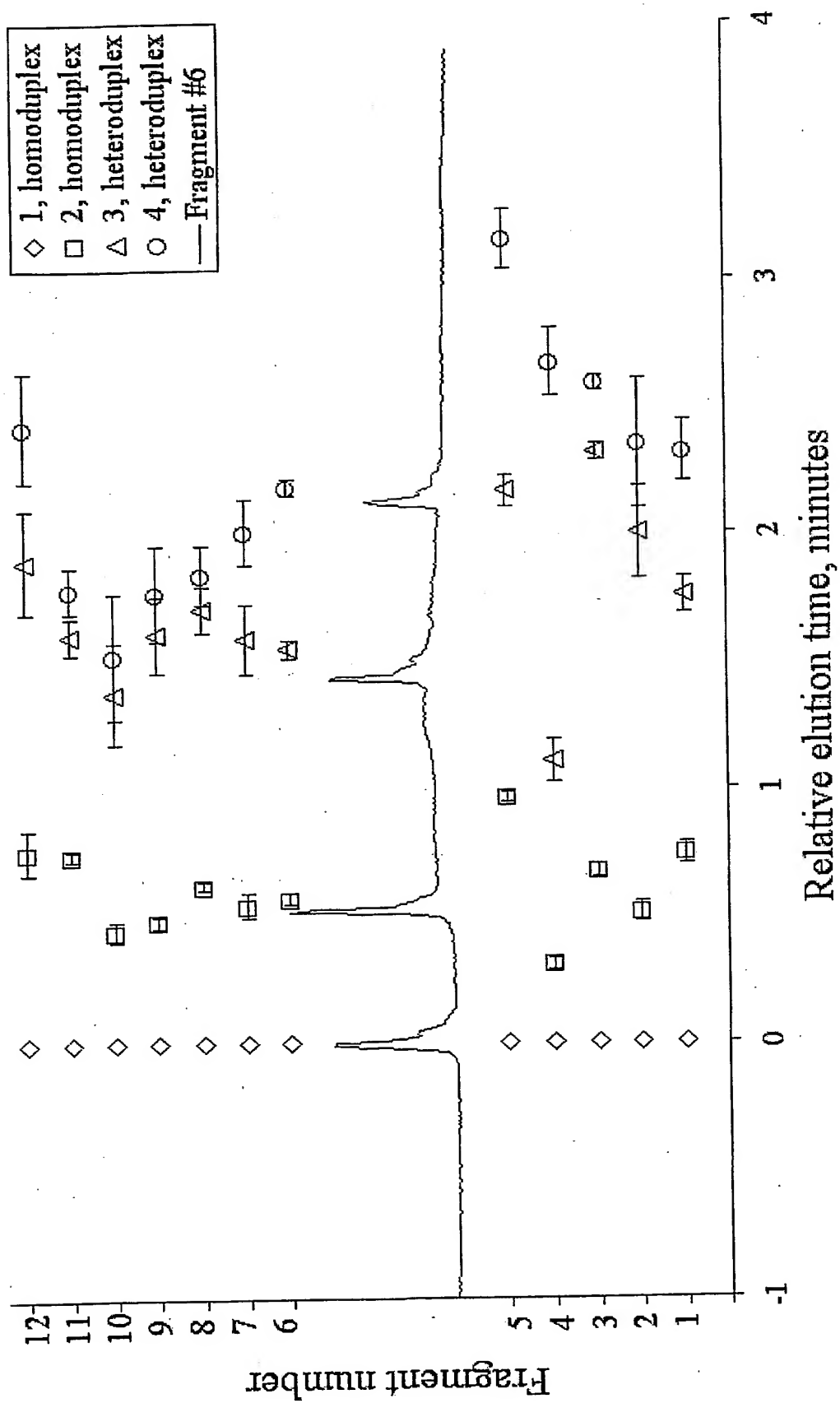
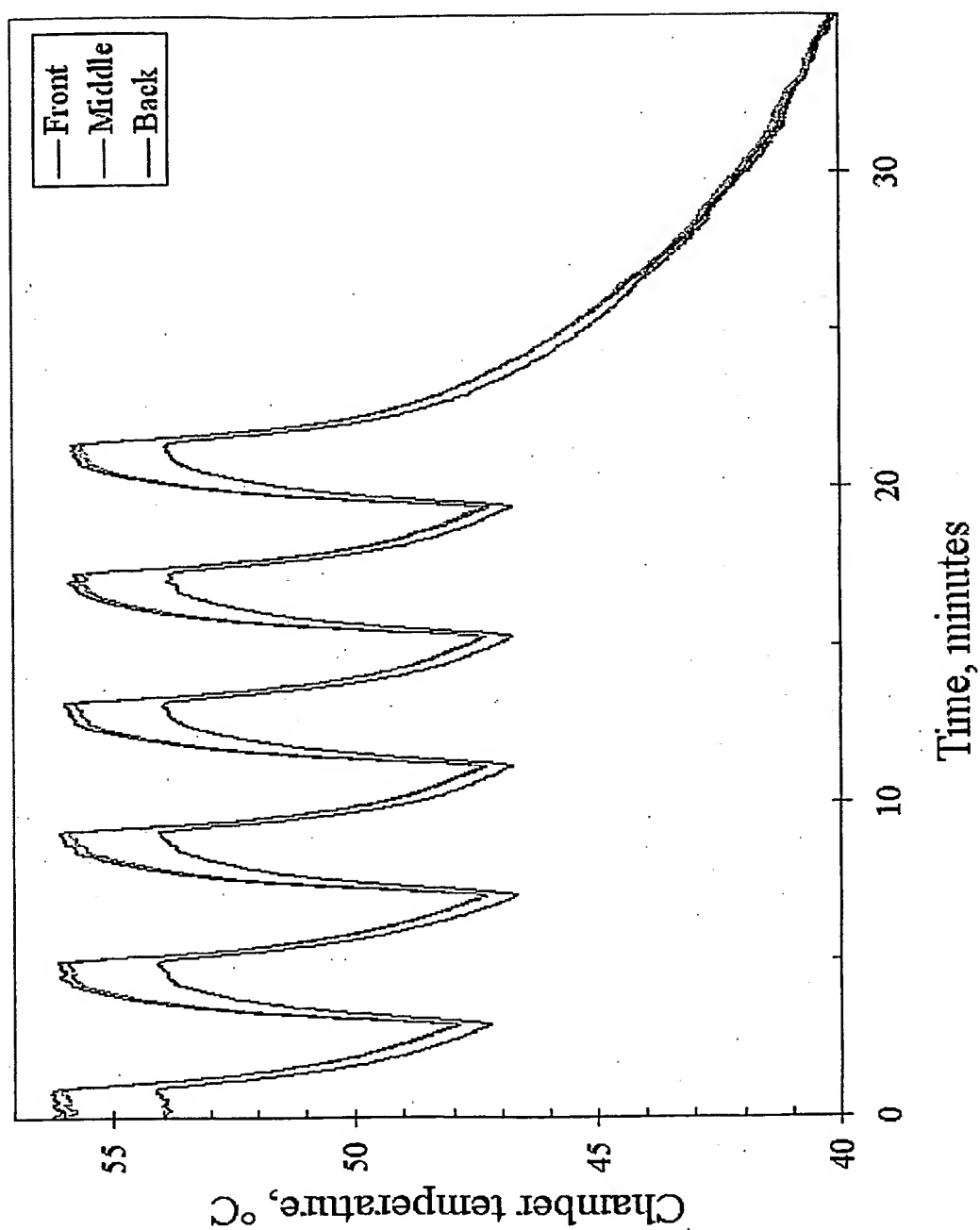


FIG. 26

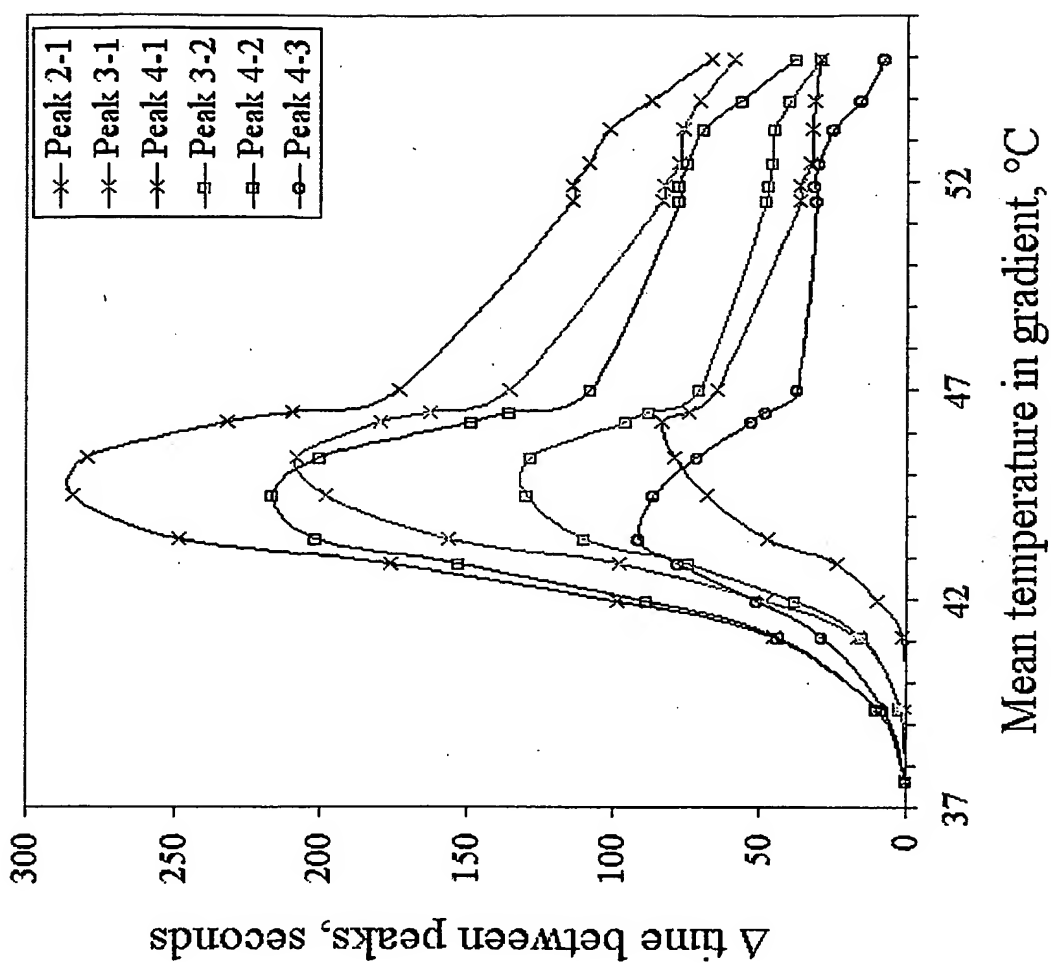
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FIG. 27



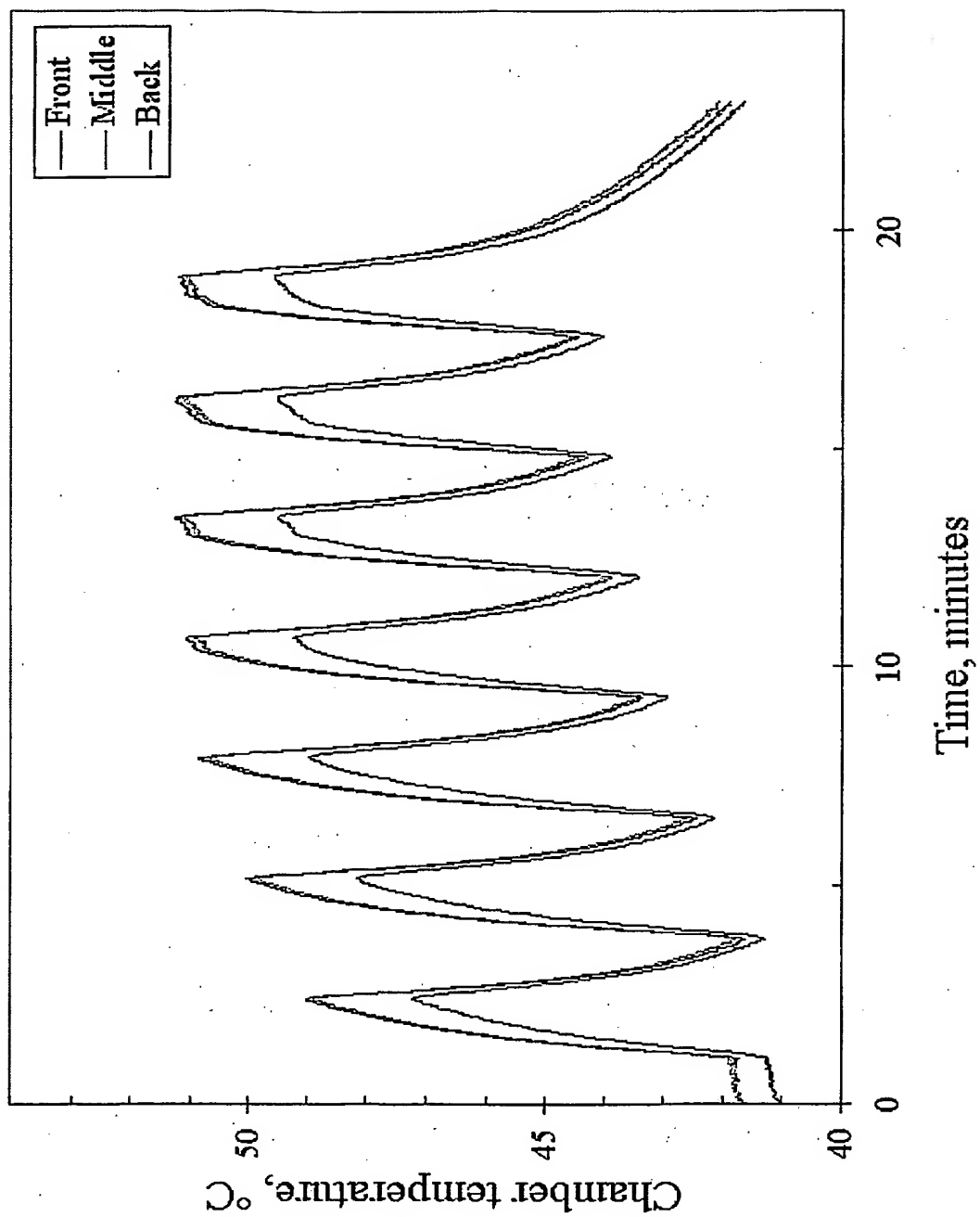
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FIG. 28



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FIG. 29



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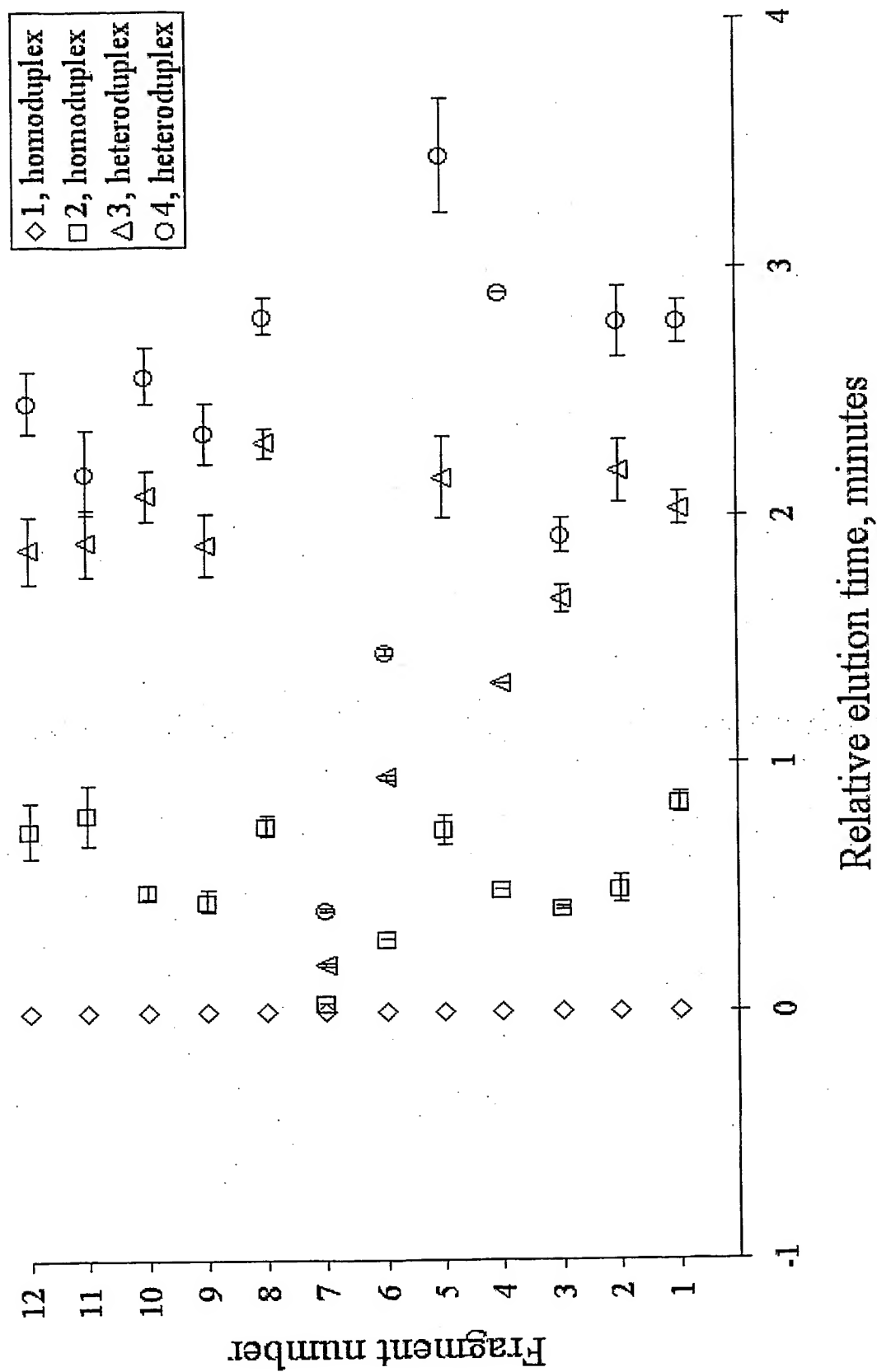


FIG. 30

FIG. 31

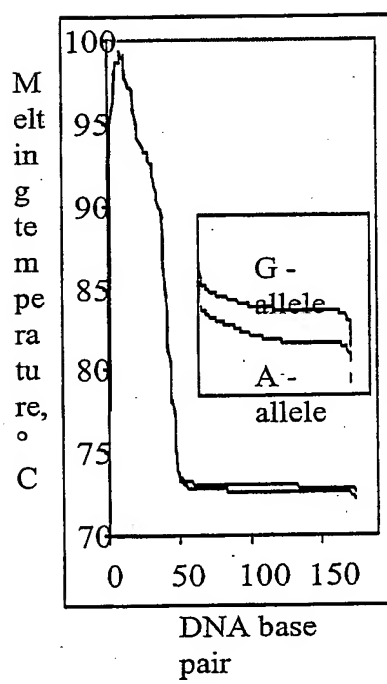
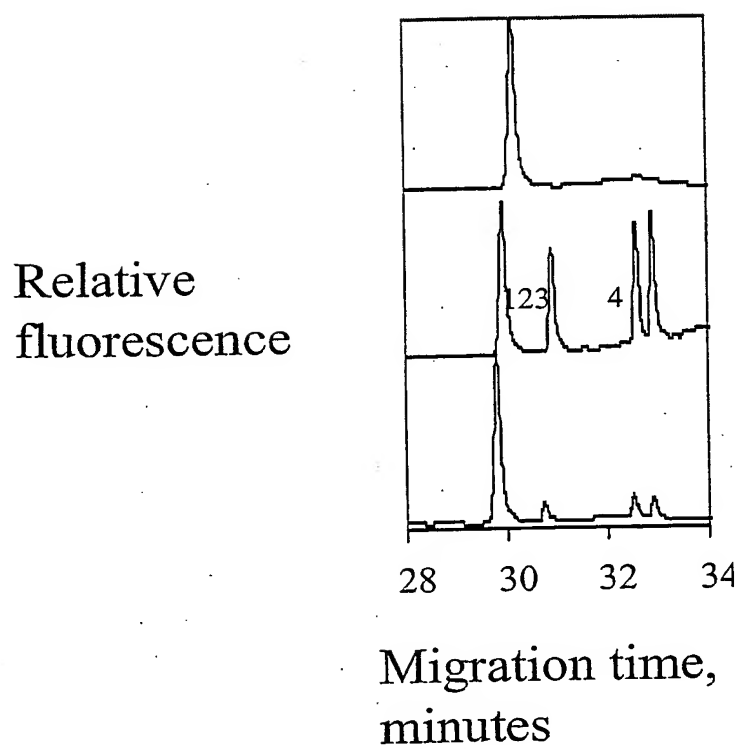


FIG. 32



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FIG. 33

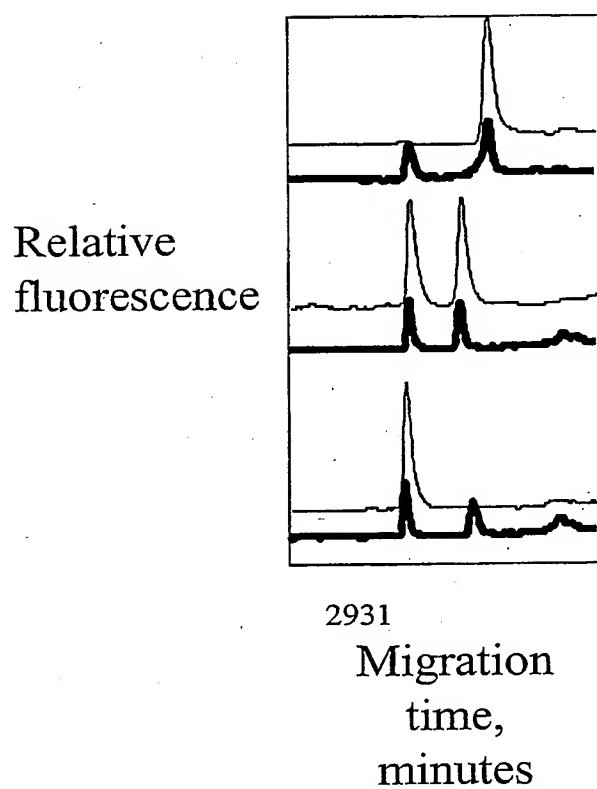


FIG. 34

Alleles

1 ----G-----C-----

Watson

----C-----G-----

Crick

2 ----C-----C-----

Watson

----G-----G-----

Crick

3 ----G-----T-----

Watson

----C-----A-----

Crick

4 ----C-----T-----

Watson

----G-----A-----

Crick

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FIG. 35

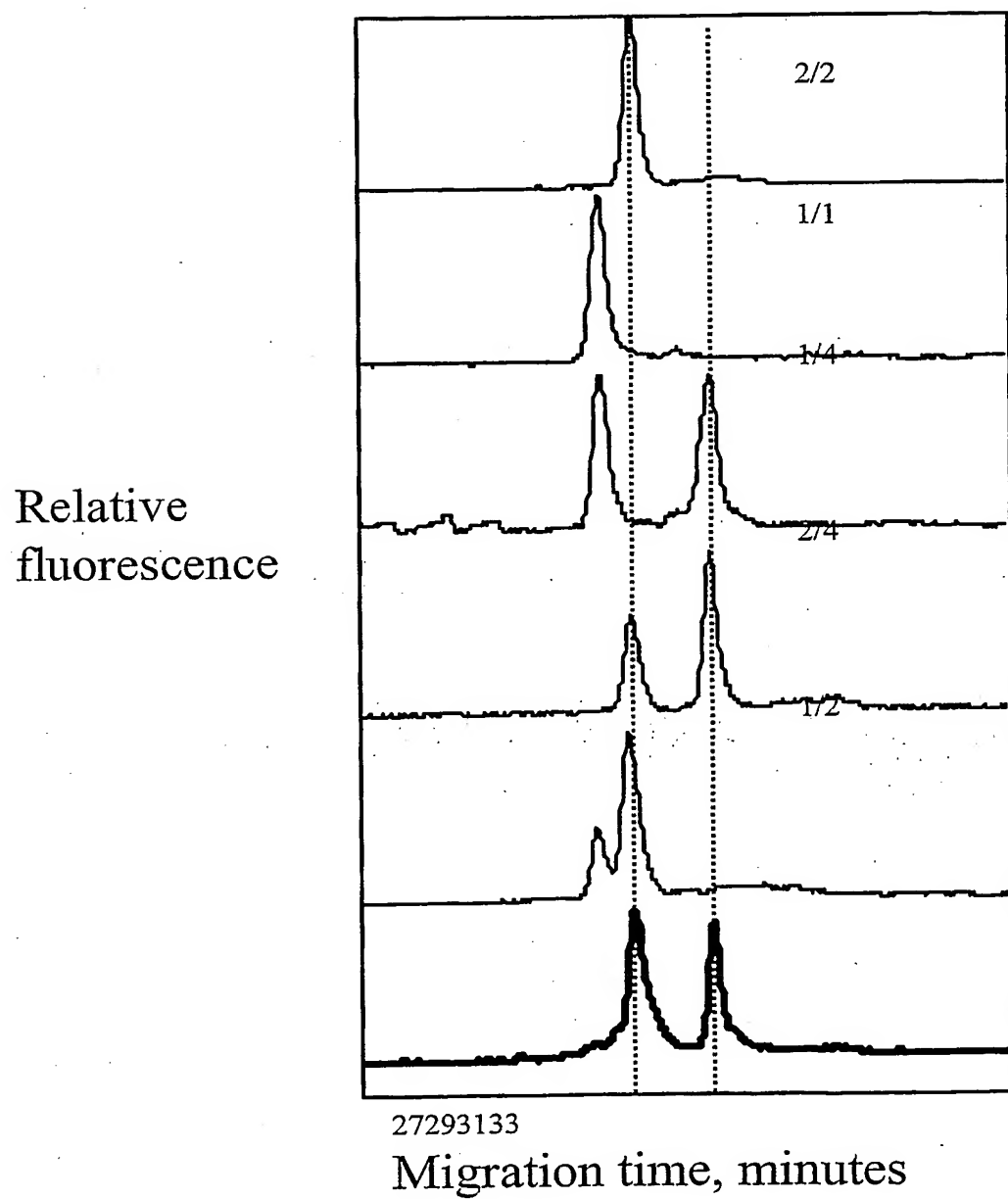
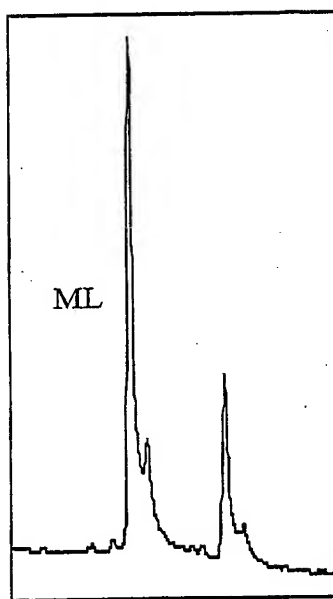


FIG. 36

Relative
fluorescence



2223
Migration time,
minutes

FIG. 37

Relative
fluorescence



27.293133
Migration time,
minutes